

AMENDMENTS TO THE CLAIMS:

This listing of claims supersedes all prior versions and listings of claims in this application:

LISTING OF CLAIMS:

Claims: WHAT IS CLAIMED IS:

1. (Currently Amended) An improved incandescent lamp which comprises:

~~in combination,~~ a single ended capsule having a press seal thereof, one or more filaments located inside the capsule, and current connection leads extending from the press ~~SEAL~~ seal;

an adapter ~~means~~ with an elevated or stepped up portion having a slit through said elevated or stepped up portion thereof for receiving the press seal portion of said capsule;

an adjustment collar having a flat surface and downwardly extending sidewalls, said adapter ~~means~~ being weldably mounted on said adjustment collar, said adjustment collar having an opening for receiving at least a part of said press seal portion and current connection leads~~[[,]]~~; and

a socket ~~means~~ closed at one end with an insulated material in which ~~the~~ said electrical connection leads are embedded, ~~[[the]]~~ an open upper ~~portion~~ portion of the socket ~~means~~ receiving said adjustment collar in a snug yet adjustable manner~~[[,]]~~, one or more weld ~~means~~ structures for weldably connecting said socket ~~means~~ to said adjustment collar and a pair of connection prongs extending outwardly and downwardly from said insulating material.

wherein said adapter, collar and socket are adjusted in three orthogonal dimensions with respect to each other along and around each of three orthogonal axes to achieve an optimized focus position of said filament before being welded together in a final permanent position.

2. (Currently Amended) A lamp assembly as claimed in claim 1 wherein:
said press seal ~~means~~ has two flat surfaces with at least a locking projection extending outwardly from each flat surface and said elevated portion of said adapter ~~means~~ having ~~[[has]]~~ locking flaps ~~means~~ extending downwardly into the slit thereof so that when the capsule is pushed into said adapter ~~means~~, the locking projections lock with said locking flaps so that the capsule is held by the adapter ~~means~~ without ~~[[any]]~~ play.

3. (Currently Amended) A lamp assembly as claimed in claim 1 wherein:
said ~~vertical weld means~~ ~~comprises of~~ structures comprise a plurality of upwardly projecting lugs, said lugs being welded to said adjustable collar after said adjustable collar is positioned inside said socket ~~means~~ at a position of optimum focus.

4. (Currently Amended) A lamp assembly as claimed in claim 1 wherein:
said ~~vertical weld means~~ structures comprise ~~[[the]]~~ inner vertical walls of the socket, said vertical walls being weld connected to said adjustable collar.

5. (Currently Amended) A lamp assembly as claimed in claim 1 wherein:
said ~~vertical weld means~~ structures comprise ~~[[the]]~~ outer vertical walls of the socket, said vertical walls being weld connected to said adjustable collar.

6. (Currently Amended) A lamp assembly as claimed in claim 1 wherein:
said adapter means has a flat surface below said elevated portion and said adjustable collar has a flat surface surrounding said opening, said adapter means and said adjustable collar being weld connected to each other by means of their respective flat surfaces.

7. (New) An incandescent lamp which comprises:
capsule means for providing a single ended capsule having at least one filament located inside the capsule and current connection leads extending from a press seal;

adapter means for providing an adapter with an elevated or stepped up portion having a slit therethrough for receiving the press seal portion of said capsule;

adjustment collar means for providing an adjustment collar having a flat surface with an opening therein and sidewalls, said adapter means being weldably mounted on the flat surface of said adjustment collar with at least a part of said press seal portion and current connection leads extending through said opening; and

socket means for providing a socket closed at one end with an insulated material in which electrical connection leads are embedded, an open upper portion of the socket receiving said adjustment collar in a snug yet adjustable manner along and around a reference axis and a weld structure for weldably connecting said socket to said adjustment collar,

wherein said adapter means, adjustment collar means and socket means include relatively adjustable interfaces therebetween which permit relative move-

ment of an inserted capsule along and around each of three mutually orthogonal axes prior to being welded together in permanently fixed relative positions.

8. (New) A lamp assembly as claimed in claim 7 wherein:

said press seal has two flat surfaces with at least a locking projection extending outwardly from each flat surface, and

said elevated portion of said adapter has locking flaps extending downwardly into the slit thereof so that when the capsule is pushed into said adapter, the locking projections lock with said locking flaps so that the capsule is held by the adapter without play.

9. (New) A lamp assembly as claimed in claim 7 wherein:

said weld structures comprise a plurality of upwardly projecting dimpled lugs, said lugs being welded to said adjustable collar after said adjustment collar means is positioned inside said socket means at a position of optimum focus.

10. (New) A lamp assembly as claimed in claim 7 wherein:

said weld structures comprise inner vertical walls of the socket means, said vertical walls being weld connected to said adjustment collar means.

11. (New) A lamp assembly as claimed in claim 7 wherein:

said weld structures comprise outer vertical walls of the socket means, said vertical walls being weld connected to said adjustment collar means.

12. (New) A lamp assembly as claimed in claim 7 wherein:
said adapter means has a flat surface below said elevated portion, and
said adjustment collar means has a flat surface surrounding said opening,
said adapter means and said adjustment collar means being weld connected to each other at their respective flat surfaces.